

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2005)		ATTORNEY'S DOCKET NUMBER 050508-1360
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) TBD 10/550286
INTERNATIONAL APPLICATION NO. PCT/US2004/009548	INTERNATIONAL FILING DATE 29 March 2004	PRIORITY DATE CLAIMED 27 March 2003
TITLE OF INVENTION HIF-1 INHIBITORS		
APPLICANT(S) FOR DO/EO/US VAN MEIR, Erwin; TAN, Chalet; ROECKER, Anthony; and NICOLAOU, Kyriacos C.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. EV628221768US 23. <input checked="" type="checkbox"/> Other items or information: <p>Return Postcard; PCT/IB/304; PCT/IB/301; Copy of Request for Rectification of a Change Under PCT Rule 91.1; PCT Request Forms; Credit Card Authorization Form; Certificate of Express Mail</p>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.6) 10/550286		INTERNATIONAL APPLICATION NO. PCT/US2004/009548		ATTORNEY'S DOCKET NUMBER 050508-1360	
The following fees are submitted:				CALCULATIONS	PTO USE
24. <input checked="" type="checkbox"/> Basic national fee		\$300		\$	\$300.00
25. <input checked="" type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).		\$100		\$	\$100.00
All other situations.		\$200			
26. <input checked="" type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$100			
International Search Report prepared and provided to the Office		\$400			
All other situations.		\$500		\$	\$100.00
TOTAL OF 24, 25 and 26 =				\$	\$500.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	0	/50 =	0	x	\$250.00
				\$	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	\$130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	23 - 20 =	3	x	\$50.00	\$
Independent claims	2 - 3 =	0	x	\$200.00	\$
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$	\$0.00
TOTAL OF ABOVE CALCULATIONS =				\$	\$780.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$390.00
SUBTOTAL =				\$	\$390.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$0.00
TOTAL NATIONAL FEE =				\$	\$390.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00
TOTAL FEES ENCLOSED =				\$	\$390.00
				Amount to be	\$
				Amount to be	\$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 20-0778. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>					
SEND ALL CORRESPONDENCE TO:					
LINDER, Christopher B. THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP 100 Galleria Parkway, N.W., Suite 1750 Atlanta, GA 30339-5948 US					
				SIGNATURE	
				Christopher B. Linder	
				NAME	
				47,751	
				REGISTRATION NUMBER	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/550286

In re: **Van Meir et al.**For: **HIF-1 INHIBITORS****CERTIFICATE OF EXPRESS MAIL**

Mail Stop PCT (DO/EO/US)
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard;
Transmittal Letter to the US Designated Office
(DO/EO/US) (3 Pages);
Credit Card Authorization Form;
Preliminary Amendment
PCT Request Forms;
International Search Report and Written Opinion;
PCT/IB/304;
PCT/IB/301; and
Copy of Request for Rectification of a Change Under PCT Rule
91.1

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

Christopher B. Linder, Reg. No. 47,751



**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.**
100 Galleria Parkway, N.W.
Suite 1750
Atlanta, Georgia 30339-5948

Our Docket No: **050508-1360**

I hereby certify that all correspondences listed above are being deposited for delivery to the above addressee, with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EV628221768US**.

Date: 22 September 2005
Lara L. O'Brien

10/550286

JC14 Rec'd PCT/PTO 22 SEP 2005

Filed/Date Mailed: August 19, 2004
 Applicant: Emory University
 Docket #: 050508-2320
 Title: HIF-1 INHIBITORS
 EM #: EV437537615US

Due Date: -
 PCT #: PCT/US04/09548
 Parent Applic.: -

PATENT AND TRADEMARK OFFICE
 (RECEIVING OFFICE) STAMP
 HEREON ACKNOWLEDGES
 RECEIPT OF THE BELOW
 IDENTIFIED APPLICATION AND
 PAPERS:

☒ Certificate of Mailing

Fees: ☐ Fees: \$ _____
 Pymt ☐ Check
 Form ☐ Dep. Acct _____

☐ Fee Calculation Sheet

☐ PCT/RO/101 () Pages
☐ PCT Application Consisting of:
 ____ Pages of Specification
 ____ Pages of Claims
 1 Page of Abstract
 ____ Pages of Dwgs.
 ☐ Formal ☐ Informal

☐ Article 19 Amendment Including:
☐ Article 34 Amendment Including:
 ☐ Explanation of Replac. Pgs.
 ☐ Replacement Pages ()
 ☐ Other:

☐ Demand - Article 31 Including:
☐ Demand for Chapter II
☐ Copy of filed Art. 19/34 Amd.
☐ Other:

☐ Response to Written Opinion
☐ Explanation of Replac. Pgs.
☐ Replacement Pages ()

☒ Other: Request for Rectification of a Change
Under PCT Rule 91.1; Renumbered Claims;

Person Mailing: LLD Trans. Ltr.

☐ US Designated/Elected Office
☐ 1st Subm. ☐ 2nd Subm.
☐ Copy of Intern'l Application
☐ Amendment to Claims ()
☐ Copy Int'l SX Report
☐ Oath/Declaration
☐ Other:

☐ General Appointment
☐ Pow. of Att. ☐ Orig. ☐ Copy

☐ Response to Invitation to
 Correct Defects Including:
☐ Replacement Pages ()
☐ Specification ()
☐ Claims ()
☐ Abstract
☐ Formal Drawings ()
☐ Identify Serial Number
☐ 1st Prior. ☐ 2nd Prior.
☐ Declaration/Power Attorney
☐ Original ☐ Copy

USPTO STAMP



EV 437537615 US

JC14 Rec'd PCT/PTO 22 SEP 2005

10/550286 Mailing Label
Label 11-F June 2002**EXPRESS
MAIL**

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ORIGIN (POSTAL USE ONLY)				DELIVERY (POSTAL USE ONLY)			
PO ZIP Code	Day of Delivery <input type="checkbox"/> Next <input type="checkbox"/> Second		Flat Rate Envelope <input type="checkbox"/>	Delivery Attempt	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature	
Date In Mo. Day Year	<input type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM		Postage \$	Delivery Attempt	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature	
Time In <input type="checkbox"/> AM <input type="checkbox"/> PM	Military <input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day		Return Receipt Fee	Delivery Date	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature	
Weight lbs. ozs.	Int'l Alpha Country Code		COD Fee	Insurance Fee		<input type="checkbox"/> WAIVER OF SIGNATURE (Domestic Only) Additional merchandise insurance is void if waiver of signature is requested. I wish delivery to be made without obtaining signature of addressee or addressee's agent (if delivery employee judges that article can be left in secure location) and I authorize that delivery employee's signature constitutes valid proof of delivery.	
No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday	Acceptance Clerk Initials		Total Postage & Fees \$		NO DELIVERY <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday		
CUSTOMER USE ONLY METHOD OF PAYMENT: Express Mail Corporate Acct. No. X301897				Federal Agency Acct. No. or Postal Service Acct. No.			
FROM: (PLEASE PRINT) PHONE (770) 933-9500 THOMAS, KAYDEN, HORSTMAYER, & RISLEY 100 GALLERIA PKWY SE STE 1750 ATLANTA GA 30339-5961 050508-2320 (LLO)				TO: (PLEASE PRINT) PHONE () Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450			

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